

02527-U.S. PTO  
06/26/03

Practitioner's Docket No. 210\_588

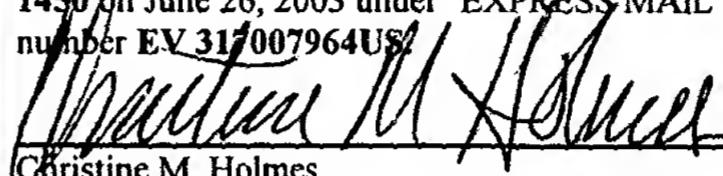
PATENT

21904-U.S. PTO  
10/606484  
06/26/03

**NEW APPLICATION TRANSMITTAL**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 26, 2003 under "EXPRESS MAIL" mailing label number EV 317007964US.

  
Christine M. Holmes

Transmitted herewith for filing is the patent application of:

Inventor 1: Lynn A. Turner  
Address: 593 Horatio Drive, Avon, IN 46123

Inventor 2: Rajendra K. Shah  
Address: 5809 Dapple Terrace, Indianapolis, IN 46228-1698

Inventor 3: Eugene L. Mills, Jr.  
Address: 7883 Cedar Drive, Avon, IN 46123-3802

**Title: HEAT PUMP WITH IMPROVED PERFORMANCE IN HEATING MODE**

**1. Papers enclosed**

**A. Required for filing date under 37 CFR 1.53(b) (Regular) are:**

7 Page(s) of Specification  
3 Page(s) of Claims  
1 Page(s) of Abstract  
4 Sheets of Formal Drawings (Figs. 1-4)

**B. Other Papers Enclosed**

[] A combined Declaration and Power of Attorney  
[] An Information Disclosure Statement  
[] PTO Form-1449  
[] An Assignment Transmittal and Assignment of the invention to  
Carrier Corporation

**2. Small Entity Status**

[] Applicant claims small entity status. (See 37 CFR 1.27)

**3. The filing fee has been calculated as shown below:**

**A. Filing Fee**

Original Patent Application \$ 750.00  
(37 C.F.R. 1.16(a) --\$750.00; Small Entity--\$375.00)

**B. Fees for Claims (20 Claims; 4 Indep.)****[X] each independent claim in excess of 3**

(37 C.F.R. 1.16(b)--\$84.00; small entity--\$42.00)

\$ 84.00**[ ] each claim in excess of 20**

(37 C.F.R. 1.16(c)--\$18.00; small entity--\$9.00)

\$ .00**[ ] multiple dependent claim(s)**

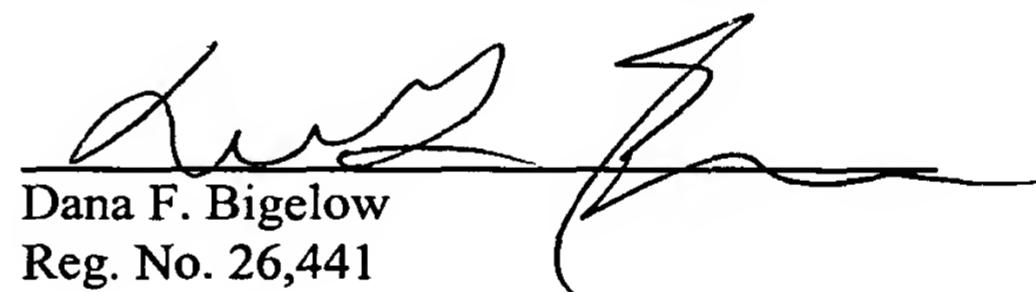
(37 C.F.R. 1.16(d)--\$280.00; small entity--\$140.00)

\$ .00**C. [X] Assignment Fee**\$ 40.00**Total Fees Due \$ 874.00****4. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment**

- A check in the amount of \$874.00 is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0289.
- Any additional filing fees required under 37 CFR 1.16.
- Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

WALL MARJAMA &amp; BILINSKI LLP



Dana F. Bigelow  
Reg. No. 26,441

June 26, 2003

Date

DFB/cmh  
PHONE: (315) 425-9000

Customer No.: 

20874

PATENT TRADEMARK OFFICE